

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

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Applicati n Number	09/721,904
Filing Date	November 27, 2000
First named Inventor	Julius
Group Art Unit	1632
Examiner Name	
Attorney Docket Number	47841/00063

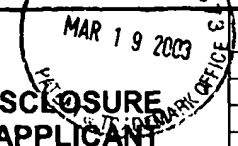
Sheet 1 of 3

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s) publisher, city and/or country where published	T ²
RT	C1	DIAMOND G. ET AL.: "Inducible Expression of an Antibiotic Peptide Gene in Lipoposysaccharide-Challenged Tracheal Epithelial Cells"; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 93, May 1996 (1996-05), pages 5156-5160, XP002127991; WASHINGTON, U.S.A.	
	C2	FERRERO ET AL.: "Transgenic Mice Expressing Human CD14 are Hypersensitive to Lipopolysaccharide"; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF U.S.A., U.S., NATIONAL ACADEMY OF SCIENCE; vol. 90, March 1993 (1993-03), page 2380-2384 XP002016890 ISSN: 0027-8424; WASHINGTON, U.S.A.	
	C3		
	C4	IKEDA A. ET AL.: "Molecular Cloning of Bovine CD 14 Gene"; JOURNAL OF VETERINARY MEDICAL SCIENCE - NIHON JUIGAKU ZASSHI, JP, JAPANESE SOCIETY OF VETERINARY SCIENCE; vol. 59, no. 8, 1997, page 715-719 XP002062359 ISSN: 0916-7250; TOKYO, JAPAN	
	C5	WANG Y. ET AL.: "Detection and Identification of Soluble CD14 in Bovine Milk"; MOLECULAR BIOLOGY OF THE CELL.; vol. 8, 1997, page 85A XP002062360 ISSN: 1059-1524 abstract; BETHESDA, MD, U.S.A.	
	C6	GOYERT S. M. ET AL.: "Expression and Function of Human CD14 in Transgenic Mice"; JOURNAL OF CELLULAR BIOCHEMISTRY; vol. 16C, 1992, page 153 XP002016892 abstract; NEW YORK, NEW YORK, U.S.A.	
	C7	YANG Z. ET AL.: "Soluble CD14 and Lipopolysaccharide-Binding Protein from Bovine Serum Enable Bacterial Lipopolysaccharide-Mediated Cytotoxicity and Activation of Bovine Vascular Endothelial Cells in Vitro"; JOURNAL OF LEUKOCYTE BIOLOGY, U.S., FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL; vol. 59, no. 2, 1996, page 241-247 XP002062361 ISSN: 0741-5400	
	C8	SIMMONS D. L. ET AL.: "Monocyte Antigen CD14 is a Phospholipid Anchored Membrane Protein"; BLOOD; vol. 73, no. 1, 1989, page 284-289 XP002062358 ISSN: 0006-4971; PHILADELPHIA, PA, U.S.A.	
	C9	SETOGUCHI M. ET AL.: "Mouse and Human CD14 (Myeloid Cell-Specific Leucine-Rich Glycoprotein) Primary Structure Deduced from CDNA Clones"; BIOCHIMICA ET BIOPHYSICA ACTA. GENE STRUCTURE AND EXPRESSION; vol. 1008, 1989, page 213-222 XP002062356 ISSN: 0167-4781, figure 3; ELSEVIER, AMSTERDAM	

Examiner Signature	R. T. Allen	Date Considered	11/10/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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Attorney Docket Number		47841/00063			
Sheet	2	of	3		

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s) publisher, city and/or country where published	T ²
RT	C10	ULEVITCH R. J. ET AL.: "Receptor-Dependent Mechanisms of Cell Stimulation by Bacterial Endotoxin"; ANNUAL REVIEW OF IMMUNOLOGY, U.S., ANNUAL REVIEWS INC.; vol. 13, 1995, page 437-457 XP002071335 ISSN: 0732-0582	
	C11	LÖMS, ZIEGLER-HEITBROCK, H.W. et al., "CD14 is expressed and functional in human B cells", .. EUROPEAN JOURNAL OF IMMUNOLOGY, 24(8); 1937-1940 1994	
	C12	YANG et al. "Analysis Of The CD14 Receptor Associated With Bovine Alveolar Macrophages", Inflammation, 20(1):97-106, XP002062355, Feb. 1996	
	C13	JABARA et al. "Engagement Of CD14 On Monocytes Inhibits The Synthesis Of Human Igs., Including IgE", THE JOURNAL OF IMMUNOLOGY, 153:972-978, XP002062357 (1994)	
	C14	JUAN, TODD S. - C, et al., "Soluble CD14 Truncated at Amino Acid 152 Binds Lipopolysaccharide (LPS) and Enable Cellular Responses to LPS", THE JOURNAL OF BIOLOGICAL CHEMISTRY, 270: 1382-1387, 1995	
	C15	VIRIYAKOSAL, S. and T.H. KIRKLAND, "The N-terminal Half of Membrane CD14 is a Functional Cellular Lipopolysaccharide Receptor", INFECTION AND IMMUNITY 64: 653-656, 1996	
	C15	JULIUS, M.H. et al., "A Colostral Protein that Induces the Growth and Differentiation of Resting B Lymphocytes", THE JOURNAL OF IMMUNOLOGY, vol. 140, pp. 1366-1371, No. 5, March 1, 1987	
	C16	FILIPP, DOMINIK et al., "Soluble CD14 Enriched in Colostrum and Milk Induces B Cell Growth and Differentiation", PNAS; vol. 98, pp. 603-608, No. 2, January 16, 2001	
	C17	International Search Report, issued on International Patent Application No. PCT/CA99/00482 and published on April 6, 2000 under WO99/61468	

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		Filing Date	November 27, 2000		
		First named Inventor	Julius		
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		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	47841/00063

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RT	C18	International Search Report issued on International Patent Application No. PCT/CA91/00880 and published on October 1, 1998 under WO98/22580	
	C19	LANDMANN, R. ET AL., "Soluble CD14 Activates Monocytic Cells Independently of Lipopolysaccharide" INFECTION AND IMMUNITY, AMERICAN SOCIETY FOR MICROBIOLOGY, Vol. 66, No. 5, May 1998, pp. 2264-2271	
	C20	SUNDAN A. ET AL., "Soluble CD14 from Urine Copurifies with a Potent Inducer of Cytokines", Eur. J. Immunol., Vol 24, 1994 pp. 1779-1784	
Examiner Signature	R. T. Allen		Date Considered 11/16/03

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Application Number	09/721,904
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Filing Dat	November 27, 2000
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First named Inventor	Julius
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Group Art Unit	1632
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Examiner Name

Atty Docket Number	47841/00063
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Sheet	1	of	1
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RT	B1	WO	93 19772	A	NORTH SHORE UNIVERSITY HOSPITAL	14-10-1993		
	B2	WO	96 32418	X	OM LABORATOIRES S.A. DEUTSCHE OM ARZNEIMITTEL GMBH LAUENER, R.P.	10-17-1996		
	B3	WO	96 20957	A	AMGEN INC; UNIV ROCKEFELLER	11-07-1996		
	B4	WO	98 14473	A	LUDWICK HIRSZFELD INSTITUTE OF IMMUNOLOGY AND EXPERIMENTAL THERAPY POLISH ACADEMY OF SCIENCES; RUDOLFA WEIGLA; GEORGIADES BIOTECH LIMITED	04-09-1998		
	B5	WO	98 22580	A	ALIZADEH KHAIVI KAMEL; WELLESLEY HOSPITAL FOUNDATION	05-28-1998		

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Signature

R. T. Allen

Date	
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11/10/03

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¹ Considered. Include copy of this form with next communication to applicant. ² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 1

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Application Number	09/721,904
Filing Date	November 27, 2000
First named Inventor	Julius
Group Art Unit	1632
Examiner Name	Valarie Bertoglio
Attorney Docket Number	47841/00063

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	C1		
	C2		
KT	C3	FERRERO E. ET AL.: "Nucleotide Sequence of the Gene Encoding the Monocyte Differentiation Antigen, CD14"; NUCLEIC ACIDS RESEARCH, GB, OXFORD UNIVERSITY PRESS, SURREY; vol. 16, no. 9, 1988, page 4173 XP002916988 ISSN: 0305-1048	
	C4		
	C5		
	C6		
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